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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 30, 2007 (use as many sheets as necessary)		Application Number	10/048033
		Filing Date	7/21/2000
		First Named Inventor	H. Michael Shepard
		Art Unit	1623
		Examiner Name	Crane, Lawrence E.
Attorney Docket Number	060925-0601		
Sheet	1	of	5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	P1	6,589,941	Fahrig et al.	07-08-2003	
	P2	6,599,499	Rosen et al.	07-29-2003	
	P3	6,677,314	Klecker et al.	01-13-2004	
	P4	6,677,315	Klecker et al.	01-13-2004	
	P5	6,682,715	Klecker et al.	01-27-2004	
	P6	6,683,045	Klecker et al.	01-27-2004	
	P7	6,683,061	Shepard et al.	01-27-2004	
	P8	6,703,374	Klecker et al.	03-09-2004	
	P9	2002/0022001	Klecker et al.	02-21-2002	
	P10	2002/0034473	Klecker et al.	03-21-2002	
	P11	2002/0119094	Klecker et al.	08-29-2002	
	P12	2002/0165199	Klecker et al.	11-07-2002	
	P13	2003/0049201	Klecker et al.	03-13-2003	
	P14	2003/0095921	Klecker et al.	05-22-2003	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	F15	WO 96/23506	08-08-1996	Fraunhofer Society for the Promotion of Applied Research E.V. (English Abstract)		

Examiner Signature	L. E. Crane 	Date Considered	11/26/2007
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<i>Me</i>	D16	BALZARINI et al. "Highly Selective Cytostatic Activity of (E)-5-(2-Bromovinyl)-2'-deoxyuridine Derivatives for Murine Mammary Carcinoma (FM3A) Cells Transformed with the Herpes Simplex Virus Type 1 Thymidine Kinase Gene" Molecular Pharmacology (1985) 28:581-587	
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	D18	BARBATO et al. "Synthesis of bridged pyrimidine nucleosides and triazo [4, 3-c] pyrimidine nucleoside analogues" Nucleosides & Nucleotides 8(4):515-528 (1989)	
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	D22	CASS et al. "Recent advances in the molecular biology of nucleoside transporters of mammalian cells" Biochem. Cell Biol. 76(5):761-770 (1998)	
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	D24	CORDON-CARDO and PRIVES "At the crossroads of inflammation and tumorigenesis" J. Exp. Med. 190(10):1367-1370 (November 15, 1999)	
	D25	COSTI et al. "Phthalain derivatives as a new tool for selectivity in thymidylate synthase inhibition" J. Med. Chem. 42(12):2112-2124 (1999)	
<i>Me</i>	D26	COSTI, et al. "Thymidylate Synthase Inhibition: A Structure-Based Rationale for Drug Design" Medical Research Review 18(1):21-42 (1998)	
	D27	CURT "Cancer drug development: new targets for cancer treatment" Oncologist 1(3):II-III (1996)	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	D28	DeCLERCQ et al. "Antiviral Activity of Novel Deoxyuridine Derivatives" Current Chemotherapy: Proceedings of the International Congress of Chemotherapy 1:352-354 (September 18, 1978)	
	D29	DeCLERCQ "Antiviral Activity Spectrum and Target of Action of Different Classes of Nucleoside Analogues" Nucleosides & Nucleosides 13(6&7):1271-1295 (1994)	
	D30	DeCLERCQ "In search of a selective antiviral chemotherapy" Clin. Micro. Review 10(4):674-693 (October 1997)	
	D31	DRAKE et al. "Resistance to Tomudex (ZD1694): Multifactorial in Human Breast and Colon Carcinoma Cell Lines" Biochem. Pharmacol. 51(10):1349-1355 (1996)	
	D32	FARROW et al. "Synthesis and biological properties of novel phosphotriesters: A new approach to the introduction of biologically active nucleotides into cells" J. Med. Chem. 33(5):1400-1406 (1990)	
	D33	GREM "Biochemical modulation of fluorouracil by dipyrindamole: preclinical and clinical experience" Semin Oncol. 19(2 Suppl 3):56-65 (April 1992)	
	D34	GRIENGL et al. "Phosphonoformate and phosphonoacetate derivatives of 5-substituted 2'deoxyuridines: Synthesis and antiviral activity" J. Med. Chem. 31(9):1831-1839 (1988)	
	D35	HENGSTSCHLAGER, M. and E. WAWRA "Cytofluorometric determination of thymidine kinase activity in a mixture of normal and neoplastic cells" Br. J. Cancer (1993) 67:1022-1025	
	D36	JOHNSTON et al. "Thymidylate synthase gene and protein expression correlate and are associated with response to 5-fluorouracil in human colorectal and gastric tumors" Cancer Res. 55:1407-1412 (1995)	
	D37	KOMAKI et al. "Difference in thymidylate synthetase activity in involved nodes compared with primary tumor in breast cancer patients" Breast Cancer Res. Treat. 35(2):157-162 (1995)	
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	D39	LIBRA, et al. "Thymidylate synthase mRNA levels are increased in liver metastases of colorectal cancer patients resistant to fluoropyrimidine-based chemotherapy" BMC Cancer 4:11 (2004)	
	D40	LIVINGSTON et al. "Studies with tetrahydrohomofolate and thymidylate synthetase from amethopterin-resistant mouse leukemia cells" Biochem. 7(8):2814-2818 (1968)	

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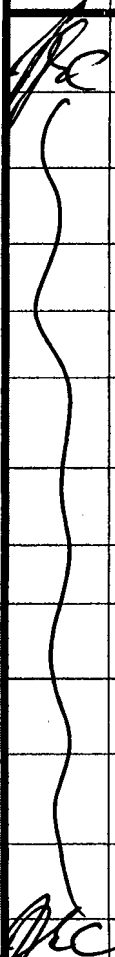
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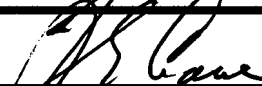
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	D41	LOOK et al. "Increased thymidine kinase and thymidylate synthase activities in human epithelial ovarian carcinoma" Anticancer Res. 17:2353-2356 (1997)	
	D42	MIAO et al. "A Stepwise One Pot Synthesis of Alkyl Thiophosphoramidate Derivatives of Nucleosides" Synthetic Communications 32(8):1159-1187 (2002)	
	D43	NICULESCU-DUVAZ et al. "Gene-directed enzyme prodrug therapy: A review of enzyme/prodrug combinations" Expert Opin. Invest. Drugs 6(6):685-703 (1997)	
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	D50	van LAAR "Therapeutic efficacy of fluoropyrimidines depends on the duration of thymidylate synthase inhibition in the murine colon 26-B carcinoma tumor model" Clin. Cancer Res. 2(8):1327-1333 (1996)	
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	D52	VLAYKAVA et al. "Increased Thymidylate Synthase Gene Expression in Metastatic Melanoma" Oncology 54:146-152 (1997)	
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